

Converting Colors

CIELCh(65, 20.760, 142.468)

Have a look what the booklet for
CIELCh(65, 20.760, 142.468)
contains.

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Color

CIELCh(65, 20.822, 142.477)

Conversions

Conversions Part 1

Format	Color
Hex	88A687
RGB	136, 166, 135
RGB Percent	53%, 65%, 53%
CMY	0.4683, 0.3507, 0.4723
CMYK	0.18, 0.00, 0.19, 0.35
HSL	118°, 15%, 59%
HSV	118°, 19%, 65%
XYZ	27.9826, 34.0472, 27.8614
YIQ	153.4960, -7.9290, -16.0010

Conversions

Conversions Part 2

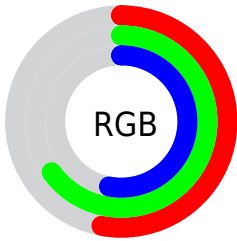
Format	Color
RYB	135, 166, 165
Decimal	8955527
CIELab	65.00, -16.51, 12.68
CIElCh	65, 20.822, 142.477
Yxy	34.0472, 0.3113, 0.3788
Android (android.graphics.Color)	4287145607 (0xFF88A687)
YUV	153.4960, -9.1185, -15.3440
Hunter-Lab	58.3500, -16.5100, 12.5347

Details

The CIELCh color $65, 20.822, 142.477$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $60, 20.862, 324.540$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 20.796, 141.972$, and $45, 20.856, 141.996$ is the 20% darker color. If you saturate the color by 10%, you get $64, 31.964, 141.732$, and if you desaturate by 10%, it is $67, 9.649, 143.127$.

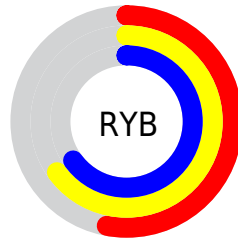
Distribution



Red (53%)

Green (65%)

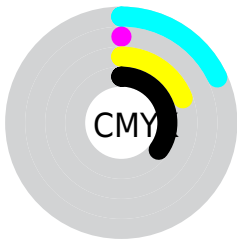
Blue (53%)



Red (53%)

Yellow (65%)

Blue (65%)

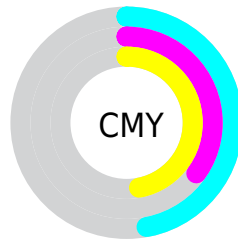


Cyan (18%)

Magenta (0%)

Yellow (19%)

Black (35%)



Cyan (47%)


Magenta (35%)

Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 20.822, 142.477 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 65, 20.822, 142.477 by changing the saturation by 10% instead.

 65, 20.822,
142.477


 65, 20.822,
142.477

 100, 20.822,
142.477


 55, 20.822,
142.477


 85, 20.822,
142.477

 45, 20.822,
142.477

 95, 20.822,
142.477

 35, 20.822,
142.477

 25, 20.822,
142.477

 15, 20.822,
142.477

 5, 20.822, 142.477

 0, 20.822, 142.477

65, 20.822,
142.477

65, 20.822,
142.477

64, 31.964,
141.732

67, 9.649, 143.127

62, 42.883,
140.881

68, 1.420, 323.495

61, 53.334,
139.932

70, 12.286,
324.092

61, 63.006,
138.915

72, 22.884,
324.492

60, 71.516,
137.899

74, 33.177,
324.827

60, 78.427,
136.992

76, 43.144,
325.111


59, 83.318,
136.331

78, 52.779,
325.353

59, 86.185,

79, 55.797,
326.346

135.924

 59, 86.507,
135.864

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65, 20.822, 142.477



60, 20.862, 324.540

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 20.822, 142.477



65, 20.822, 192.477



65, 20.822, 322.477



65, 20.822, 12.477

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65, 20.824, 142.477



84, 8.175, 143.287



67, 16.423, 106.991



44, 5.416, 143.250



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65, 20.824, 142.477



81, 30.209, 142.215



65, 14.961, 160.351



34, 6.192, 143.094



52, 78.599, 135.838



4, 9.612, 143.667

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



60, 20.862, 324.540



74, 30.265, 324.731



59, 15.258, 343.429



32, 6.205, 324.040



33, 76.134, 326.991



1, 9.572, 323.296

Previews

White Background



This preview shows how the CIELCh color 65, 20.822, 142.477 looks on a white background.

Color Contrast Check

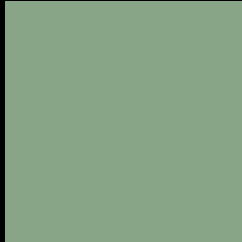
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 65, 20.822, 142.477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

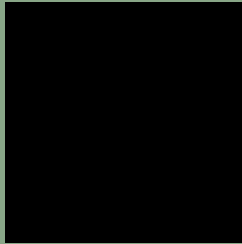
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

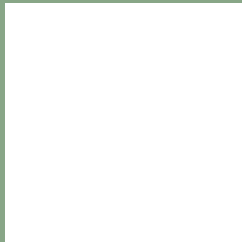
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 20.822, 142.477

Background



This preview shows how black text looks on a background with the CIELCh color 65, 20.822, 142.477.



This preview shows how white text looks on a background with the CIELCh color 65, 20.822, 142.477.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
65, 20.822, 142.477

Protanopia
65, 15.376, 94.662

Deuteranopia
65, 14.240, 55.650



Tritanopia
65, 9.545, 248.484

Trichromacy



Original Color
65, 20.822, 142.477

Protanomaly
65, 15.587, 115.953

Deuteranomaly
65, 11.954, 95.221

Tritanomaly
65, 8.358, 187.169

Monochromacy



Original Color
65, 20.822, 142.477

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 7.955, 141.820

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 20.822, 142.477 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(136, 166, 135)` looks like.

```
.text, #text, p{  
    color:rgb(136, 166, 135)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(136, 166, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 166, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 20.822, 142.477 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 166, 135) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(136, 166, 135) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(136, 166, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 166, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 166, 135);  
box-shadow:4px 4px 4px 4px rgb(136, 166,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 20.822, 142.477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 166, 135) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(136,  
166, 135) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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